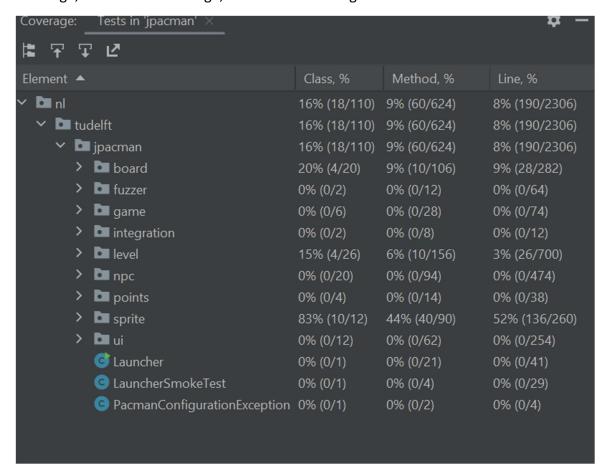
## JaCoCo Report on Jpacman

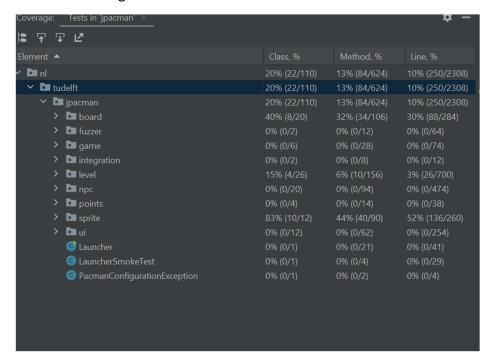
For the Jpacman repository I created three unit tests. The classes named are:

src/main/java/nl/tudelft/jpacman/board/Board.java/squareAt	Dylan Cruz
src/main/java/nl/tudelft/jpacman/board/Board.java/getHeight	Dylan Cruz
src/main/java/nl/tudelft/jpacman/board/Square.java/put	Dylan Cruz

Before I implemented my unit tests the coverage on the IntelliJ window showed 16% class coverage, 9% method coverage, and 8% line coverage.

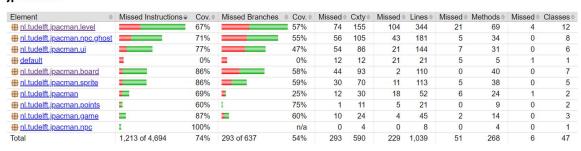


After I implemented my unit tests there was 20% class coverage, 13% method coverage, and 10% line coverage.



However in the JaCoCo coverage report it shows there was more coverage that IntelliJ didn't.

## jpacman



Created with JaCoCo 0.8.3.201901230119

JaCoCo evaluates coverage differently from IntelliJ. JaCoCo shows a more detailed example of what branches were covered and what branches were missed. IntelliJ shows either good coverage or bad coverage along with how many times the code was run.

Though the IntelliJ coverage report is sufficient enough to evaluate the tests of the project, the JaCoCo visuals makes the report easier to understand for people that aren't familiar with technical reports.

## **Code Snippets:**

SquaresAt():

```
no usages
@org.junit.jupiter.api.Test
void squareAt() {
    Square[][] temp = {
        {new BasicSquare(), new BasicSquare()},
        {new BasicSquare(), new BasicSquare()}
    };
    Board tempBoard = new Board(temp);
    assertThat(tempBoard.squareAt( x 1, y; 1)).isEqualTo(temp[1][1]);
}
```

getHeight():

Put():

```
no usages
@org.junit.jupiter.api.Test
void put() {
    Unit temp = new Unit() {
        @0verride
        public Sprite getSprite() {
            return null;
        }
    };
    Square square = new BasicSquare();
    square.put(temp);
    assertThat(square.getOccupants()).contains(temp);
}
```

Git Repository: https://github.com/CruzG-Dylan/cs472-team6